BMC Firmware Release Notes Form

Product Name	**X13DEM**
Release Version	**01.04.15**
Build Date	**05/09/2025**
Previous Version	**1.03.50**
Update Category	**Recommended**
Dependencies	**None**
Important Notes	• **SMC-2024010010 Command Injection attack.** • **SMC-2024010011 XSS attack.** • **(CVE-2023-33413) SMC-2024010012 Command Injection attack.** • **The BMC configuration file generated in BMC firmware older than Rev. 1.02.xx can't be imported.**
Enhancements	1. **[ENGINEERING] — Added IPMI OEM CMDs 0x30 0x68 0xf9 BMC, Hii, and host interface status.**
New features	1. **[ENGINEERING] — Implemented EK certificate in Redfish.** 2. **[ENGINEERING] — Added rule of Redfish resources "Health" and "HealthRollup" properties in chassis and systems.** 3. **[ENGINEERING] — Supported DHCPv4 Option42 NTP Servers.** 4. **[ENGINEERING] — Updated SEL Spec 1.40, MEL Spec 1.09, and IPMI Spec 2.02.** 5. **[ENGINEERING] — Supported SSO and 2FA.** 6. **[ENGINEERING] — Redfish supports Intel VROC.**

Fixes	1. **[ENGINEERING] — Web GUI cannot modify the ADMIN password since X14 BMC 01.02.05.00.** **[ENGINEERING] — Web GUI cannot modify the ADMIN password since X13 BMC 01.04.02.** **[ENGINEERING] — Web GUI cannot modify the ADMIN password since X12 BMC 01.06.02.** 2. **The descriptions of [MEL-0444] did not match the spec.** **AD page Port text field width did not follow 299-00-240516-001.** **AD Port edit field length did not match SPEC [299-00-240516-001].** **Inventory page's expand icon size did not follow 299-00-240516-001.** **Sensor search text field placeholder should be "Enter keyword here to search."** **HealthEventLog search text field should have a placeholder of "Enter keyword here to search."** **Maintenance Event Log search text field should have placeholder "Enter keyword here to search."** **Change different directory service information alert was incorrect when other directory service logged in.** **"Virtual Media" instructions should be updated on the help page.** **"LLDP" instructions should be updated on the help page.** **Update page's gap between text and square block did not follow 299-00-240516-001.** **Chassis ID Subtype's "t" should be lowercase.** **Remote Console Preview should put HTML5 button in front of Java.**

	IPMICFG Download/Select File button size did not follow 299-00-240516-001.
	SSL Certificates page's Select file button size should follow 299-00-240516-001.
	IP access control page's length between title and button need more space.
	Unable to change the destination address in the alert page via SAA.
	Users with Operator and User roles should not have access to Unit Reset.
	Factory Default — UNIT_RESET_BUTTON was not disabled for User Role.
	Operator/User Privilege should be view only on BMC Reset page.
	Unexpected [MEL-0002] should be logged when editing Local user's privilege.

3. IPMITool — Unable to get the correct Sensor and SDR count using inband IPMItool RAW command.

4. IPMITool — Get channel payload version for valid/invalid channel fail.

5. RADIUS 2FA not on the Help page.

   No 2FA (Local user/Active Directory/Radius/License requirement) and KERBEROS SSO instruction in BMC help page.

   Unable to Enable 2FA with SSO Enabled.

6. [UI] Supermicro Logo missing after Web login.

7. [Auto][WebFunction] SSDP Configuration fields disappeared after UI Idle Time.

8. Uploaded SSL certificate and private key successfully but the time period was not changed.

9. AOC_PORTA Temp, Lower Critical — Going Low — Assertion.

	10. [Auto][Web Function] Self-Config Backup and Platform-Config Backup cannot be selected when System Lockdown Mode was Enabled.
	11. LPe35002-M2 couldn't update FW on Redfish when installed on slot 2 and slot 3.
	12. Supported DCMI set_asset_tag.
	13. IPMITool — Failed to set LAN access off via OOB.
	14. Console capture video size was 0B when setting "Record until POST ends." Console Capture video was zero bytes and had no content.
	15. Web Function — Failed to connect UDP when SSDP was enabled.
	16. Button frame style becomes abnormal after switching to the SNMP Page and returning to the Alerts Page.
	17. [ENGINEERING] — Support Intel VROC.
	18. BMC Web UI layout did not match with 299-00-240516-001 agreement. Recent Log Search text field should have a placeholder.
	19. [MEL-0070] did not match with MEL spec ver. 1.08.
	20. Six test cases failed in BMC WebUI Automation. BMC Web interface stuck after using Refresh button.
	21. [Auto][Web function] Operator Role should have View-Only permission for Console Capture Video. Operator privilege should be View Only in Maintenance-> Troubleshooting-> Console Capture page.
	22. When the system lockdown mode was on, unit reset button behavior was inconsistent with RAW command.
	23. RADIUS remains editable and able to be deleted when OFF, while LDAP and Active Directory buttons were grayed out when OFF.
	24. SMCIPMITool Automation Failure: TC: 0137 IPMI LAN IPv6.

25. "PasswordSet" Attribute missing in /redfish/v1/AccountService response.

26. Unable to enable SNMPv2.

    Redfish automation test failed.

27. Virtual Media title should be file server instead share host.

28. Faulty message: "Please enable one directory service at a time !" has an extra space.

29. [ENGINEERING] — Supported NVMe update, locked down and sanitized only X13 beyond.

30. [ENGINEERING] — The fan groups can't be displayed in WEBUI.

31. [IPMI ECO 01.04.00] Automation test failure.

    SAA — Couldn't add user with SAA.

    [ECO] LAB IPMI ECO automation test. (LAB SMSTC Server) fail.

32. [CombinedECO_IPMI 01.02.04.01] Automation test with four failures.

    [ENGINEERING] — SAA RAProvision failed due to CA center not receiving proper CSR format.

33. [ENGINEERING] — IPMITool unable to open SDR for reading in X13 01.04.02.

34. Upload CPLD file failure resulted in two different error messages for SW and HW1 teams.

35. False NVME_SSDA Temp Sensor SEL during DC ONOFF.

36. Scoped and scheduled for Smartpower form 299.

37. The Security Attestation Validation status was not shown in the WebGUI because it was disabled.

38. Security — Verified unsupported ciphers, supported ciphers via LAN Print, Getciphers, Cipher Suite, supported algorithms via IPMI RAW Command, entry count, and privilege.

    Security — Verified Cipher Suite and supported algorithms via IPMI RAW Command failed because of 01 01 03 41 44 81 != 01 01 02 03 41 42 44 81.

	39. Dashboard entered an infinite reload loop after toggling System Lockdown (On/Off).
	40. BMC did not display NVME Device FW version.
	41. [Auto][Web Function] The option can be selected after clicking blank space.
	42. [WEB] SMTP Sender's Address subdomain exceeded 63-character limit.
	43. UI — There should not be another box out of the tips when generating system crash dump log.
	44. Duplicated LocationOrdinalValue for Onboard M.2 Drives on X13DEM (Redfish API).
	45. Web — Alert Destination Address showed snmp://.
	Web Func Alert Destination Address showed snmp://.
	UI — Special character error messages not consistently displayed between two teams.
	UI — Active Directory page did not match with Help Page.
	Kerberos (SSO) Setting not found. "Directory Service" doesn't match "Directory Services."
	The alert message for canceling the firmware update process was inconsistent with the spec.
	The error messages for the port text field were different in SW and HW1.
	System Lockdown Page randomly stays instead of redirecting to the Dashboard.
	Unable to disable or delete user/operator account via Web.
	[UI] The right of the SSL certificate tips did not match SPEC [299-00-240516-001].
	46. BMC Ciphers should only be three and 17.
	47. [ENGINEERING] — Added MEL-0066 when patching IntrusionSensor property.

	48. **[ENGINEERING] — Disallowed OOB license when patching MarkAsAcknowledged property.** 49. **[ENGINEERING] — Fixed error message when OemDumpService.Collect action.** 50. **WEB — SMTP Server address default value did not follow BMC each field ver. 1.35 (#299-00-240704-002).** **GUI — The SMTP server address default value didn't follow each field's spec v1.35.** **Web UI — SMTP Server Address default value inconsistent with specifications.** 51. **BMC Web GUI Storage Tab showed duplicate NVMe drives. Storage Tab was displaying the NVMe drive on the NVMe controller and the NVMe drive on the SAS IR controller. [SYS-221H-TN24R_MP_H1B11_Comp_4314] [AOC-SAS4-9670-24I + MZQLB960HAJR-00007] On the Physical view page/Overview/Sensor page, doubles of the NVMe SSD info was shown.** 52. **Set invalid username and invalid password via IPMI.** 53. **Warning message overflowed beyond the right boundary.** **SAA – [TC3013] The value for is not supported on the managed system.** **SAA — Some UpdateBmc command will have no response (3600 s).** **WEB/Redfish — Time zone (UTC+02:00) Gaza, Hebron, the time should be the same whether AutoDST was Enabled or Disabled.**